

EV 333 491 889 US

PATENT

Attorney Docket No. 29191-705

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	<u>PATENT APPLICATION</u>
)	
Inventor(s): L. Bousse, et al.)	
)	Art Unit: Unassigned
Application No.: Unassigned)	
)	Examiner: Unassigned
Filed: Not yet filed)	
)	
Title Microfluidic Devices and Methods – Added)	
Material)	
)	

Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☒ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
☐ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

- ☐ a certification as specified in §1.97(e) is provided below; **or**
☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

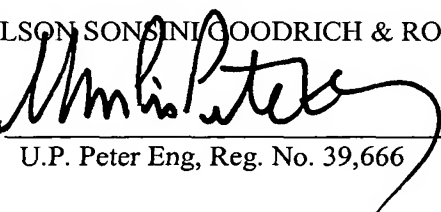
☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

- A. a certification as specified in §1.97(e) is completed below; and
B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No.29191-705).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

By 
U.P. Peter Eng, Reg. No. 39,666

Dated: 8/26/03

650 Page Mill Road
Palo Alto, CA 94304-1050
(650) 493-9300
Customer No. 021971
2553369_1.DOC
Attorney Docket No. 29191-705

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application No.	Unassigned
				Filing Date	Not yet filed
				First Named Inventor	L. Bousse
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	Of	2	Attorney Docket No.	29191-705

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No. ¹	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,969,353	10/19/1999	Hsieh, et al.	
		US-6,176,962	01/23/2001	Soane, et al.	
		US-6,459,080	10/01/2002	Yin, et al.	
		US-6,465,776	10/15/2002	Moini, et al.	
		US-6,481,648	11/19/2002	Zimmermann, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner's Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
EXAMINER SIGNATURE			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application No.	Unassigned
				Filing Date	Not yet filed
				First Named Inventor	L. Bousse
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	Of	2	Attorney Docket No.	29191-705

OTHER PRIOR ART – NON PATENT RELATED DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		KAMEOKA, Jun, et al. "An Electrospray Ionization Source for Integration with Microfluidics". <i>Analytical Chemistry</i> , (11/15/2002), 5897-5901, Vol. 74, No. 22	
		XUE, Qifeng, et al. "Multichannel Microchip Electrospray Mass Spectrometry". <i>Analytical Chemistry</i> , (2/1/1997), 426-430, Vol. 69, No. 3	
		GOBRY, Véronique, et al. "Microfabricated polymer injector for direct mass spectrometry coupling". <i>Proteomics</i> , (2002), 405-412, Vol. 2	
		RAMSEY, R.S., et al. "Generating Electrospray from Microchip Devices Using Electroosmotic Pumping". <i>Analytical Chemistry</i> , (3/15/1997), 1174-1178, Vol. 69, No. 6	
		ROHNER, Tatiana, et al. "Polymer Microspray with an Integrated Thick-Film Microelectrode". <i>Analytical Chemistry</i> , (11/15/2001), 5353-5357, Vol. 73, No. 22	
		LIN, Yuehe, et al. "Microfluidic Devices on Polymer Substrates for Bioanalytical Applications". <i>Pacific Northwest National Laboratory</i> , (1999), Richland, WA, USA	
		ZHANG, et al. "Microfabricated Devices for Capillary Electrophoresis-Electrospray Mass Spectrometry". <i>Anal. Chem.</i> , (8/1/99), 3258-3264, Vol. 71, No 15	
EXAMINER SIGNATURE		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.